
About this guide

This document describes Integrated Services Digital Network Basic Rate Interface (ISDN BRI) concepts, functional and physical characteristics of ISDN Basic Rate operation, and general engineering guidelines on configuring ISDN BRI functions and features. It also explains the levels of support provided on ISDN BRI for Generic X11 software.

Note: Not all features and services are available in all markets. For example, ISDN BRI trunking is not supported in the United States. For more information, please contact your local Northern Telecom representative.

Applicability of this guide

The intended audience of this publication is installation and maintenance personnel, field support personnel, and anyone requiring a general information base for ISDN BRI functionality on Generic X11.

How this guide is organized

This publication has been organized according to the following sections.

Functional description provides an overview of ISDN and Open System Interconnect (OSI) protocols pertaining to ISDN BRI, and describes the general ISDN BRI system functions and components.

Engineering guidelines explains the basic rules to follow when planning the Meridian 1 ISDN BRI service. It describes system capacity, hardware requirements and attributes, configuration guidelines, transmission characteristics of DSLs, and ISDN BRI interface specifications.

Generic X11 features on ISDN BRI describes interworking of Generic X11 features on ISDN BRI, segregated according to the level of support provided — full support, partial support, and no support.

List of terms defines the terms used in the discussions of this feature.

Related documents

Note: This guide does not contain any information related specifically to Meridian 1 system Option 11. This information is contained in the Northern Telecom publication *Option 11 ISDN BRI Administration and Maintenance* 553-3011-311.

ISDN BRI NTPs:

- ISDN Basic Rate Interface Installation 553-3901-200
- ISDN Basic Rate Interface Administration 553-3901-300
- ISDN Basic Rate Interface Acceptance Testing 553-3901-330
- ISDN Basic Rate Interface Maintenance 553-3901-500